

Abstract of the Disclosure

A catheter comprising an inflatable balloon having a proximal end, a distal end, and an inflation cavity therebetween, a catheter shaft having the inflatable balloon affixed proximate a distal end thereof, the catheter shaft having an inflation lumen fluidly  
5 connected to the balloon inflation cavity. A guidewire lumen extends through the balloon cavity within a tubular member which is affixed to the inflatable balloon proximate the distal end. A reinforcing sleeve, having a proximal portion and a distal portion with a lumen extending therethrough, wherein the distal portion of the sleeve extends into the inflation cavity with at least a portion of the tubular member slidably disposed through  
10 the lumen thereof and the proximal portion is fixed relative to the catheter shaft and disposed in the catheter shaft inflation lumen.

**CERTIFICATE UNDER 37 C.F.R. 1.10:** The undersigned hereby certified that this paper or papers, as described herein are being deposited in the United States Postal Service, "Express Mail Post Office to Addressee" having an Express Mail mailing label number of: EV 315612603 US, in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 13th day of January 2004.

By Kathleen L. Boekley  
Kathleen L. Boekley